

## § 461.14

### § 461.14 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and § 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the pretreatment standards for existing sources listed below:

(1) Subpart A—Electrodeposited Anodes.

#### PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium	
	English units—pounds per 1,000,000 pounds of cadmium	
Cadmium .....	11.95	5.27
Nickel .....	67.49	44.64
Zinc .....	51.32	21.44
Cobalt .....	7.38	3.16

(2) Subpart A—Impregnated Anodes.

#### PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium	
	English units—pounds per 1,000,000 pounds of cadmium	
Cadmium .....	68.0	30.0
Nickel .....	384.0	254.0
Zinc .....	292.0	122.0
Cobalt .....	42.0	18.0

(3) Subpart A—Nickel Electrodeposited Cathodes.

#### PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of nickel applied	
	English units—pounds per 1,000,000 pounds of nickel applied	
Cadmium .....	11.22	4.95
Nickel .....	63.36	41.91
Zinc .....	48.18	20.13
Cobalt .....	6.93	2.97

## 40 CFR Ch. I (7–1–11 Edition)

(4) Subpart A—Nickel Impregnated Cathodes—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of nickel applied	
	English units—pounds per 1,000,000 pounds of nickel applied	
Cadmium .....	68.0	30.0
Nickel .....	384.0	254.0
Zinc .....	292.0	122.0
Cobalt .....	42.0	18.0

(5) Subpart A—Miscellaneous Wastewater Streams—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced	
	English units—pounds per 1,000,000 pounds of cells produced	
Cadmium .....	0.79	0.35
Nickel .....	4.47	2.96
Zinc .....	3.40	1.42
Cobalt .....	0.49	0.21

(6) Subpart A—Cadmium Powder Production—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium powder produced	
	English units—pounds per 1,000,000 pounds of cadmium powder produced	
Cadmium .....	2.23	0.99
Nickel .....	12.61	8.34
Zinc .....	9.59	4.01
Cobalt .....	1.38	0.59

(7) Subpart A—Silver Powder Production—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of silver powder produced	
	English units—pounds per 1,000,000 pounds of silver powder produced	
Cadmium .....	1.09	0.48
Nickel .....	6.16	4.08
Silver .....	1.32	0.55
Zinc .....	4.69	1.96
Cobalt .....	0.67	0.29

## Environmental Protection Agency

§ 461.15

### (8) Subpart A—Cadmium Hydroxide Production—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium used English units—pounds per 1,000,000 pounds of cadmium used	
Cadmium .....	0.05	0.02
Nickel .....	0.27	0.18
Zinc .....	0.20	0.09
Cobalt .....	0.03	0.012

### (9) Subpart A—Nickel Hydroxide Production—PSES.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of nickel used English units—pounds per 1,000,000 pounds of nickel used	
Cadmium .....	5.61	2.48
Nickel .....	31.68	20.96
Zinc .....	24.09	10.07
Cobalt .....	3.47	1.49

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

### § 461.15 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7 any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the pretreatment standards for new sources listed below:

#### (1) Subpart A—Electrodeposited Anodes—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium English units—pounds per 1,000,000 pounds of cadmium	
Cadmium .....	7.03	2.81
Nickel .....	19.33	13.01
Zinc .....	35.85	14.76
Cobalt .....	4.92	2.46

### (2) Subpart A—Impregnated Anodes—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cadmium English units—pounds per 1,000,000 pounds of cadmium	
Cadmium .....	40.0	16.0
Nickel .....	110.0	74.0
Zinc .....	204.0	84.0
Cobalt .....	28.0	14.0

### (3) Subpart A—Nickel Electrodeposited Cathodes—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of nickel applied English units—pounds per 1,000,000 pounds of nickel applied	
Cadmium .....	6.60	2.64
Nickel .....	18.15	12.21
Zinc .....	33.66	13.86
Cobalt .....	4.62	2.31

### (4) Subpart A—Nickel Impregnated Cathodes—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of nickel applied English units—pounds per 1,000,000 pounds of nickel applied	
Cadmium .....	40.0	16.0
Nickel .....	110.0	74.0
Zinc .....	204.0	84.0
Cobalt .....	28.0	14.0

### (5) Subpart A—Miscellaneous Wastewater Streams—PSNS.

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—mg/kg of cells produced English units—pounds per 1,000,000 pounds of cells produced	
Cadmium .....	0.47	0.19
Nickel .....	1.28	0.86
Zinc .....	2.38	0.98
Cobalt .....	0.33	0.16